

भारत का राजपत्र

The Gazette of India

प्राधिकार से प्रकाशित

PUBLISHED BY AUTHORITY

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No. 42] NEW DELHI, SATURDAY, OCTOBER 21, 1989 (ASVINA 29, 1911)

इस भाग में भिन्न पुँछ संख्या वाली जाती है जिससे कि यह अलग संहित के रूप में रखा जा सके।
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2

(PART III--SECTION 2)

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से तम्चन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 21st October 1989

ADDRESS AND JURISDICTION OF OFFICES OF

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The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, III Floor, Lower Parel (West),
Bombay-400 013.

Telegraphic address "PATOFFICE".

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

Telegraphic address "PATENTOFIC".

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union
1-297 GI/89

Territories of Chandigarh and Delhi.

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

Telegraphic address "PATENTOFIS".

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondicherry, Laccadive, Minicoy and Aminidivi Islands.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M. S. O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Telegraphic address "PATENTS".

Rest of India.

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the place where the appropriate office is situated.

पेटेंट कार्यालय

इकाई तथा प्राधिकरण

कलकत्ता, दिनांक 2 अक्टूबर 1989

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शास्त्र कार्यालय हैं, जिनके प्राविधिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शास्त्र, टोडी इस्टेट
तीसरी तल, लोअर पर्सेल (पश्चिम),
बम्बई-400013.

तार पता—“पेटेंटोफिस”

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य
क्षेत्र एवं संघ शासित क्षेत्र गोआ, बांग्ला तथा
दिव एवं दादरा और नगर हवेली।

पेटेंट कार्यालय शास्त्र,
एक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती भार्ग, करोलबाग,
बम्बई-110005।

तार पता—“पेटेंटोफिस”

हरियाणा, हिमाचल प्रदेश, जम्मू तथा
कश्मीर, पंजाब, राजस्थान तथा उत्तर
प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र
चंडीगढ़ तथा दिल्ली।

पेटेंट कार्यालय शास्त्र,
61, वालाजाह रोड,
मद्रास-600 002.

तार पता—“पेटेंटोफिस”

आंध्र प्रदेश, कर्नाटक, करेल, तमिलनाडु राज्य
क्षेत्र एवं संघ शासित क्षेत्र पाण्डुचेरी, लक्ष्मीपुरम्,
मिनिकाप तथा एमिनिदिवि द्वीप।

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, दिवतीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7 बां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता-7000 20.

तार पता—“पेटेंटस”

भारत का अवशेष क्षेत्र

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अपेक्षित सभी आवेदन पत्र, सूचनाएँ, विवरण या अन्य प्रतेक
पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए
जायेंगे।

शूल्क :—शूल्कों की बढ़ायगी या तो नकद की जायेगी
अथवा उपयुक्त कार्यालय में नियंत्रक को भूगतान योग्य भनावेश
अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है;
उस स्थान के अनुसूचित बैंक से नियंत्रक को भूगतान योग्य बैंक
ड्रॉफ्ट अथवा थेक द्वारा की जा सकती है।

CORRIGENDUM

In the Gazette of India Part III Section-2 dated 29th April 1989 in Page No. 410 Column-1 under heading “Cessation of Patents”,

Delete No.

148573

Read No.

148572.

In the Gazette of India Part III Section 2 dated 22nd April 1989 in page No. 383 column 2 under heading “Cessation of Patents”,

Delete No. 148383.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed Under Section 135, of the Patents Act, 1970.

The 14th September 1989

754/Cal/89. Franz Plasser Bahnbaumaschinen Industriesellschaft m.b.H. A track maintenance machine with a track stabilizer.

755/Cal/89. Francesco Pianetti. Bimetallic spiral intrauterine device.

756/Cal/89. John M Kent. Method and apparatus for using hazardous waste to form non-hazardous aggregate.

The 15th September 1989

757/Cal/89. Krupp Widia GmbH. Hard metal.

758/Cal/89. Skw Trostberg Aktiengesellschaft. Agent for desulphurising iron melts, a Process for the production thereof and a process for desulphurising iron melts with the use of said agent.

759/Cal/89. Kelsey-Hayes Company. Vehicle anti-lock brake system.

760/Cal/89. Emettee Gesellschaft fur Emissionstechnologie MbH. A crankshaft with hollow pins.

The 18th September 1989

761/Cal/89. Stockham Valve Australia Pty. Ltd. Check Valve.

762/Cal/89. Pennwalt Corporation. Purification of alkylsulfonic acids using ozone.

763/Cal/89. Pennwalt Corporation. Purification of alkylsulfonyl chlorides.

764/Cal/89. Tatra, Kombinat Koprivnice. A steered driven swinging half axle suspension for a motor vehicle.

765/Cal/89. Glitsch, Inc. Liquid distributor assembly for packed tower.

766/Cal/89. E. I. Du Pont De Nemours & Company. Composite chemical barrier fabric.

The 19th September 1989

767/Cal/89. L-Tec Company. Method and Apparatus for Low voltage plasma arc cutting.

768/Cal/89. Emitec Gesellschaft fur Emissionstechnologie MbH. An assembled shaft.

769/Cal/89. Clean-Park, Inc. Absorbant pad and method for constructing same.

770/Cal/89. Cadbury Schweppes Proprietary Ltd. Method of manufacturing dry composition suitable for use in water to reduce bacterial content.

[Divisional dated 23rd October, 1986].

ALTERATION

165445 Ante-dated to 20th January, 1984.
(655/Cal/1987).

165448 Ante-dated to 15th November, 1983.
(779/Cal/1987).

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Remsons Industries Limited, Bombay-400 067 to the grant of a patent on application No. 164520 made by Mr. Krishnakumar Rameshwar Trivedi, Nagpur-440 012.

An opposition has been entered by M/s. Hind Ceramics Limited to grant of a patent on application No. 164603 (948/Del/85) dated 14th November, 1985 made by Sulzer Brothers Limited.

An opposition has been entered by Dr. S. L. Kolhatkar to grant of a patent on application No. 164603 (948/Del/85) dated 14th November, 1985 made by Sulzer Brothers Limited.

An opposition has been entered by Dr. Nilachal Sahoo to grant of a patent on application No. 164603 (948/Del/85) dated 14th November, 1985 made by Sulzer Brothers Limited.

PATENTS SEALED

161882 162033 164236 164237 164264 164266 164268
164271 164272 164280 164284 164286 164287 164288
164289 164290 164303.

CAL = 1.

MAS = 7.

DEL = 6.

BOM = 3.

AMENDMENT PROCEEDING UNDER SECTION 57

The amendment proposed by UNIE VAN KUNSTMEST-FABRIEKAN B. V. in respect of Patent Application No. 162235 as advertised in Part III, Section 2 of the Gazette of India, dated the 20th August, 1988 has been allowed.

The amendments proposed by Enichem Palimeri S. P. A. in respect of Patent No. 161008 as advertised in Part III Section 2 of the Gazette of India, dated the 15th April 1989 have been allowed.

RENEWAL FEES PAID

144230 144951 145463 145819 145951 146108 146281
146792 146890 146898 146899 146964 147297 147471
147559 148894 149228 150315 150801 151124 151853
151992 152357 152530 152825 152921 153139 153194

153271	153297	153712	153940	154222	154223	154258
154445	154446	154547	154674	154801	154967	155091
155456	155485	155551	155704	156301	156315	156451
156935	156999	157001	157080	157236	157402	157795
157989	158243	158379	158404	158497	158730	159098
159169	159423	159449	159450	160230	160719	160798
160853	161402	161470	161552	161558	161624	161750
161944	162152	162425	162664	162716	162720	162741
162750	162829	162830	162842	162846	162968	163083
163091	163099	163225	163229	163309	163380	163459
163748	163793	163898	164014	164120	164252	164254
164258	164339	164341.				

NAME INDEXES OF APPLICANTS FOR PATENTS FOR THE MONTH OF OCTOBER, 1988 (NOS. 813/Cal/88 TO 909/Cal/88, 278/Bom/88 TO 302/Bom/88, 684/Mas/88 TO 760/Mas/88 AND 838/Del/88 TO 938/Del/88)

Name & Appln. No.

A

AB Trama.—843/Cal/88.
A. H. Robins Company Incorporated.—719/Mas/88.
Agarwal, O. P.—931/Del/88.
Agustin Arana Frana.—819/Cal/88.
Akebono Brake Industry Co. Ltd.—706/Mas/88.
Alcan International Ltd.—843/Del/88.
Allegheny Ludlum Corporation—936/Del/88.
Allevard Industries.—842/Del/88.
Allied Signal Inc.—846/Del/88, 923/Del/88.
Alsthom.—893/Del/88.
American Sterilizer Co.—858/Del/88, 859/Del/88, 860/Del/88.
Amsted Industries Incorporated.—704/Del/88, 705/Del/88.
Andrie Dmitrievich Plotnikov USSR.—824/Cal/88.
Apricot S. A.—867/Cal/88.
Austumont S.r.l.—880/Cal/88, 881/Cal/88.

B

Basf Aktiengesellschaft.—687/Mas/88.
BBC Brown Boveri AG.—716/Mas/88.
BP Chemicals Ltd.—895/Del/88.
Babcock & Wilcox Co. The.—904/Cal/88.
Bakeri, A. A.—278/Bom/88.
Bal, S. Prof.—848/Cal/88.
Balachandar, P.—709/Mas/88.
Battella Memorial Institute.—747/Mas/88, 748/Mas/88, 749/Mas/88.

Belorusky Politekhnichesky Institut USSR.—907/Cal/88.
Bhambare, A.R.—282/Bom/88.
Biolandes.—891/Del/88.
Birmani, B. L., Lt. Col.—873/Del/88, 874/Del/88.
Birmani M. K.—873/Del/88, 874/Del/88.
Birmani, R. (Miss).—873/Del/88, 874/Del/88.
Birmani, S. (Mrs.).—873/Del/88, 874/Del/88.
Bisarya, S. C.—925/Del/88.
Bose, V. J.—723/Mas/88.
Brita Wasser-Filter-Systeme GmbH.—887/Cal/88, 888/Cali/88.
British Pipe Coaters Limited.—862/Del/88.

Name & Appn. No.	Name & Appn. No.
	C
Catrol S. A. Societe d' Etudes et d' Application Industrielles.—896/Cal/88.	F. I. C. I. Finanziaria Industriale Commerciale Immobiliare S.P.A.—849/Del/88.
Caul Anton Nyston.—890/Cal/88.	F. I. Smidh & Co. A/S.—718/Mas/88.
CEDA SpA Costruzioni Electromecanichee Dispositivi d' Automazione.—832/Cal/88.	Fidia S. P. A.—829/Cal/88, 830/Cal/88.
Chittal, N. R.—288/Bom/88, 289/Bom/88.	Filial Vesesojuznogo Elektrotekhnicheskogo Instituta Imeni V. I. Lenina USSR.—884/Cal/88.
Coal Industry (Patents) Limited.—869/Del/88.	Fischer, H. A.—879/Cal/88.
Coffey, M.—871/Cal/88, 872/Cal/88, 901/Cal/88.	Forster, F.—882/Cal/88.
Cogent Limited.—735/Mas/88.	Fosroc International Ltd.—935/Del/88.
Colgate-Palmolive Co.—888/Del/88.	Franz Plasser Bahnhabaumaschinen-Industriege-Sellschaft M.B.H.—853/Cal/88.
Compagnie De Raffinage Et De Distribution Total France S. A.—850/Cal/88.	Fried Krupp Gesellschaft Mit Beschränketer Haftung.—893/Cal/88.
Compagnie Generale des Etablissements Michelin.—711/Mas/88.	
Compagnie Industrielle De Tubes Et Lampes Elektriques CITEL.—863/Del/88.	G
Congoleum Corporation.—690/Mas/88.	GKN Technology Ltd.—841/Del/88.
Contec-Chemieanlagen GmbH.—875/Cal/88.	Gambhir, S. R.—294/Bom/88.
Copeland Corporation.—905/Cal/88.	Gaudfrin, G.—850/Del/88.
Council of Scientific & Industrial Research.—840/Del/88, 870/Del/88, 906/Del/88, 907/Del/88, 908/Del/88, 909/Del/88, 910/Del/88, 911/Del/88, 912/Del/88, 913/Del/88, 917/Del/88, 918/Del/88, 919/Del/88.	General Electric Co.—835/Cal/88, 899/Cal/88.
Courtaulds Films & Packaging (Holdings) Limited.—922/Del/88.	General Food Corporation.—861/Del/88, 915/Del/88, 934/Del/88.
Cyprus Industrial Minerals Co.—821/Cal/88.	Glaxo Inc.—689/Mas/88.
	Greenwals, E. H. Sr.—866/Cal/88.
D	Grigory Naumovich Klotsvog-USSR.—824/Cal/88.
Dr. Ing. Koenig AG.—847/Cal/88.	Guha, A. R.—831/Cal/88.
Daidotokushuko Kabushiki-kaisha.—849/Cal/88.	Cupta, J. P.—875/Del/88.
Danny Filipovich.—937/Del/88.	Gupta, M. M. L.—905/Del/88.
Denis, J. P.—855/Del/88.	
Dennison Manufacturing Co.—897/Del/88.	H
Designer Premixes Inc.—908/Cal/88.	Hanno Rang (Dipl.-Ing).—840/Cal/88.
Devilbiss Co. The.—933/Del/88.	Harrier GmbH.—899/Del/88, 902/Del/88.
Donetsky Politekhnichesky Institut USSR.—826/Cal/88.	Harris Corporation.—833/Cal/88.
Dow Chemical Co. The.—740/Mas/88.	Hawkins Cookers Ltd.—292/Bom/88.
Draper Felt Co., Inc. The.—695/Mas/88.	Heinz Georg Baus.—891/Cal/88.
Drolia Fuels Pvt. Ltd.—837/Cal/88.	Helmut Costard.—828/Cal/88.
Dutta S. Dr.—841/Cal/88.	Hindustan Lever Ltd.—283/Bom/88, 284/Bom/88, 293/Bom/88.
Dutta, S. (Mrs.) Dr.—841/Cal/88.	Hoechst Aktiengesellschaft.—885/Cal/88, 886/Cal/88.
Dyneema V.o.F.—697/Mas/88, 701/Mas/88.	Huntington, M. L.—894/Cal/88.
	Hussain, S. Q.—904/Del/88.
E	Hussain, G. D. J.—867/Del/88.
E. I. Du Pont De Nemours and Company.—838/Cal/88, 839/Cal/88, 863/Cal/88, 902/Cal/88.	
Eduard Kusters Maschinenfabrik GmbH & Co. KG.—744/Mas/88.	I
Emhard Industries, Inc.—852/Del/88.	Indian Drugs & Pharmaceuticals Ltd.—845/Del/88.
Enichem Agriculture SpA.—693/Mas/88.	Indian Institute of Technology.—848/Cal/88.
Eniricerche S.p.A.—743/Mas/88.	Indian Space Research Organisation (I.S.R.O.).—715/Mas/88.
Escorts Limited.—858/Del/88.	Indupack Ag.—878/Cal/88.
Exxon Research & Engineering Company.—879/Del/88, 880/Del/88, 881/Del/88, 882/Del/88, 883/Del/88, 884/Del/88.	Institut Elektrosvarki Imeni E. O. Patona Akademii Nauk Ukrainskoi SSR.—845/Cal/88.
	Institut Francais Du Petrole.—710/Mas/88, 738/Mas/88.
	Interactive Systems, Incorporated.—877/Cal/88.
	International Business Machines Corporation.—854/Del/88.
	International Development Research Centre.—896/Del/88.
	International Mobile Machines Corporation.—927/Del/88.
	Intersteel Technology Inc.—851/Cal/88.
	Izhevskoe Proizvodstvennoe Obiedinenie "Reduktor" USSR.—822/Cal/88.

Name & Appln. No.	Name & Appln. No.
J	
Jacobs Suchard AG.—751/Mas/88.	Nauchno-Proizvodstvenoe Obiedinenie Po Sozdaniju I Vypusku Sredstv Avtomatizatsii Gornykh Mashin.—823/Cal/88.
Jaswal, R. S.—285/Bom/88.	Nauchno-Proiz Vodstvennoe Obiedinenie Reduktorostroenia USSR.—822/Cal/88.
Johnson & Johnson.—813/Cal/88.	New Engineering Enterprises.—886/Del/88.
K	Nikolai Pavlovich Popov USSR.—824/Cal/88.
Kadarundalige Sitaramdas Gururaja Doss.—726/Mas/88.	Nimbkar Agricultural Research Institute.—839/Del/88.
Kafley O. C.—817/Cal/88.	Norsk Hudo A. S.—853/Del/88.
Kar, S.—895/Cal/88.	Norsolor.—818/Cal/88.
Keystone International, Inc.—852/Cal/88.	Nukem GmbH.—815/Cal/88.
Khamrai, A.—848/Cal/88.	
Khanna, S. S.—286/Bom/88, 287/Bom/88.	O
Khosla Engineers.—885/Del/88, 903/Del/88.	Ocutech.—857/Cal/88.
Kinariwala, S. N.—838/Del/88.	Officine Meccaniche Rivasrl.—713/Mas/88. .
Kolpinskoe Otделение Vsesojuznogo Nauchno-Issledovatel'skogo 1 Proektno-Konstruktorskogo Instituta Metallurgicheskogo Mashinostroenia Nauchno-Proizvodstvennogo Obiedineniya "Vniimetmash".—844/Cal/88.	Otto Zollinger, Inc.—877/Del/88.
Kortec AG.—834/Cal/88.	Owens-Illinois Plastics Product Inc.—688/Mas/88.
Kothari, P. N.—270/Bom/88.	Oy, E.—842/Cal/88.
Kothari, S. D.—279/Bom/88.	Oy, R. R.—842/Cal/88.
Krone Aktiengesellschaft.—903/Cal/88.	
Kumar Process Consultants & Chemicals Pvt.—302/Bom/88.	P
Kumar, V. A.—708/Mas/88.	Pall Corporation, The.—733/Mas/88.
L	Pandrol Ltd.—889/Del/88, 890/Del/88, 892/Del/88, 898/Del/88.
Levin, H.—894/Cal/88.	Pannalal, N.—291/Bom/88.
Liaisons Electroniques-Mechaniques Lem SA.—692/Mas/88.	Parameswaran, K.—925/Del/88.
Loctite Corporation.—872/Del/88.	Patikh, R. H.—298/Bom/88.
Lohman, R.—843/Cal/88.	Patel, A. R.—299/Bom/88.
Loram Maintenance of way, Inc.—873/Cal/88.	Paul Wurth S. A.—901/Del/88.
Lubrizol Corporation, The.—924/Del/88.	Pennwalt Corporation.—864/Cal/88.
Lucas Industries PLC.—938/Del/88.	Pfizer Inc.—921/Del/88.
Lyphomed, Inc.—876/Cal/88.	Poplain Hydraulics.—864/Del/88.
M	Politechnika Worselawska.—860/Del/88.
MWB Messwandler-Bau Aktiengesellschaft.—892/Cal/88.	Pont-A-Mousson S. A.—851/Del/88.
Mag Instrument, Inc.—836/Cal/88.	Protector & Gamble Co. The.—894/Del/88.
Maiti, S. Prof.—848/Cal/88.	Proizvodstvennoe Obiedinenie "Nevsky Zavod" Imeni V. I.
Manus Coffey.—871/Cal/88, 872/Cal/88, 901/Cal/88.	Pro-Neuron, Inc.—754/Mas/88, 755/Mas/88.
Maschinenfabrik Rieter Ag.—750/Mas/88.	Protector & Gamble Co., The.—857/Del/88.
Mathew, P. K.—756/Mas/88.	Punjab Tractors Ltd.—866/Del/88.
Memmingen GmbH.—900/Cal/88.	
Merz, K.—848/Del/88.	R
Miracle Enterprises Ltd.—721/Mas/88.	R. W. Simon Ltd.—887/Del/88.
Mitsubishi Denki Kabushiki Kaisha.—742/Mas/88.	Rajam, M. V. Dr.—856/Del/88.
Mobil Oil Corporation.—707/Mas/88.	Rajvanshi, A. K.—839/Del/88.
Mogilvsky Mashinostroitelny Institut USSR.—827/Cal/88.	Ranghachary, K. A.—685/Mas/88, 686/Mas/88.
Monsanto Company.—717/Mas/88.	Rao, R.—925/Del/88.
Mukherji, K.—290/Bom/88.	Rao, T. D.—752/Mas/88.
Mukherjee, S. K.—865/Cal/88.	Reychem Jtd.—684/Mas/88.
N	Rhone-Poulenc Chimie, 712/Mas/88.
Nagel, P.—758/Mas/88.	Romostar Corporation.—731/Mas/88, 732/Mas/88.
National Council for Cement & Building Materials.—865/Mas/88.	Rostovskiy Gosudarstvenny Universitet Imeni M. A. Suslova-USSR.—822/Cal/88.

Name & Appln. No.

S

- SA Narine AS.—720/Mas/88, 734/Mas/88.
 Sanden Corporation.—871/Del/88.
 Santa Barbara Research Center.—868/Del/88.
 Satake Engineering Co., Ltd.—861/Cal/88, 862/Cal/88.
 Schaeffer, H. A.—854/Cal/88, 855/Cal/88, 856/Cal/88.
 Schubert & Salzer Maschinenfabrik Aktiengesellschaft.—714/Mas/88, 759/Mas/88, 760/Mas/88.
 Secretary of State for Trade & Industry in her Britannic Majesty's Government of the United Kingdom of Great Britain & Northern Ireland, The.—859/Del/88.
 Sharma, B. a. V. K.—727/Mas/88.
 Shetty, K. P. K.—746/Mas/88.
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 Slack, N.—871/Cal/88, 872/Cal/88, 901/Cal/88.
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 Societe De Conseils De Recherches ET D'.—926/Del/88, 928/Del/88, 929/Del/88.
 Sood, B.—876/Del/88.
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 Standard Oil Co., The.—916/Del/88.
 State of Israel.—694/Mas/88.
 Steve Ficher.—722/Mas/88.
 Subramaniam, K. G.—691/Mas/88.
 Sundaranarayanan, S.—745/Mas/88.
 Swiss Aluminium Ltd.—739/Mas/88.

T

- Tank, M. P.—295/Bom/88, 296/Bom/88, 300/Bom/88, 301/Bom/88.
 Tecumseh Products Co.—724/Mas/88, 725/Mas/88, 728/Mas/88, 729/Mas/88, 730/Mas/88.
 Thaikattil, J. Dr.—757/Mas/88.
 Thiruppathy, V. V. T.—741/Mas/88.
 Trade & Industry Private Ltd.—909/Cal/88.
 Treco Incorporated.—736/Mas/88, 737/Mas/88.
 Trylon Associates Ltd.—816/Cal/88.
 Tsentralny Nauchno-Issledovatelsky Geologorazvedochny Institut Tsvetnykh I Blagorodnykh Metallov (TsNigri).—906/Cal/88.

U

- Uddeholm Tooling Aktiebolag.—703/Mas/88.
 Ugale, A.G.—297/Bom/88.
 Ugale, G. H.—297/Bom/88.
 Ukrainsky Filial Tsentralnogo etc.—827/Cal/88.
 Union Carbide Corporation.—753/Mas/88.
 Uniroyal Chemical Co., Inc.—900/Del/88, 932/Del/88.
 Universitet Druzhby Norodov Imeni Patrisa Lumumbы USSR.—825/Cal/88.

V

- Valadares, J.A.—280/Bom/88.
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 Vsosojuzny Nauchno-Issledovatelsky I Proektny Institut Aljuminievoi, Magnievoi I Elektrodnoi Promyshlennosti.—847/Del/88, 914/Del/88.

W

- Wagh, A.S.—281/Bom/88.
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 Werding.—889/Cal/88.
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 Williams Hi-Tech International Pty. Ltd.—878/Del/88.
 Woroclawska, P.—860/Del/88.

Y

- Yoo, Y. H.—820/Cal/88.

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स्वीकृत सम्पूर्ण विनियोग

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में संकेती पर पेटेंट अनुदान का विरोध करने के इच्छुक कोइँ व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अधिक एसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो के भीतर कभी नियन्त्रक, इकान को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी

लिखित वक्ताम्; उक्त सूचना के साथ अथवा पेटैट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने को भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिदेश के संदर्भ में नीचे दिए गयीकरण, भारतम् वगीकरण तथा अन्तराष्ट्रीय ग्राहीकरण के अनुरूप हैं।”

नीचे सूची गत विनिदेशों की सीमित संख्यक में मुद्रित प्रतियां, भारत सरकार द्वारा छपो, 8 किरण शंकर राय रोड, कलकत्ता में विक्रय होते यथा सभय उपलब्ध होंगी। प्रत्येक विनिदेश का मूल्य 2/- रु. है। (यदि भारत के बाहर भेजे जाएं तो/अंतरिक्ष डाक खर्च)। मुद्रित विनिदेश की आपूर्ति होते मांग पत्र के साथ निम्नलिखित सूची में यथा प्रदर्शित विनिदेशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां गवित कोइ हों हों; के साथ विनिदेशों की टकित अथवा फोटो प्रतियों की आपूर्ति पेटैट कार्यालय, कलकत्ता, द्वारा विहित लिप्यान्तरण प्रभार (उक्त कार्यालय से पत्र व्यदहार द्वारा सुनिश्चित करने के उपरांत उसकी अवायगी पर की जा सकती है)। विनिदेश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिदेश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्षेत्रीक प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु. है) फोटो लिप्यान्तरण प्रभार का परिचलन किया जा सकता है।

CLASS :

165441

Int. Cl. : D01 g 15/00.

CARD WIRE FITTING PARTICULARLY FOR COMBING MACHINES, CARDING MACHINES, ETC.

Applicant : STAEDTLER & UHL, NORDLICHE RINGSTRASSE 12, D-8540 SCHWABACH, FEDERAL REPUBLIC OF GERMANY.

Inventor : JOSEF EGERER.

Application No. 416/Cal/1987 filed May 25, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

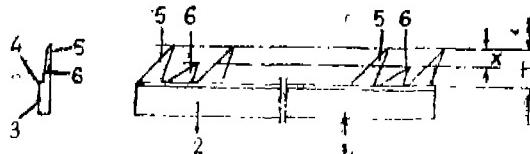
7 Claims

A card wire fitting particularly for combing machines, carding machines or the like, comprising :

a serrated punching member or a plurality of serrated punching members, of which each one has a foot member used for holding on a supporting body and one or a plurality of teeth extending away from this and inclined in the direction of processing (D);

the tips of which teeth exhibit relative to the foot member a predetermined distance defined as tip height (H);

characterised in that, when seen perpendicularly relative to the direction of processing (D) for the time being, the teeth (5, 6) of the serrated punching members (1, 8, 9, 10, 11, 19, 22, 23) have at least two differing tip heights (H).



Compl. specn. 17 pages

Drg. 3 sheets

CLASS : 85-J

165442

Int. Cl. : F 27 d 1/16.

TUYERE FOR FLAME-JET GUNITING OF A METALLURGICAL UNIT.

Applicant : VSESOUZNY GOSUDARSTVENNY INSTITUT NAUCHNO-ISSLEDOVATELSKIH I PROEKTNYKH RABOT OGNEUPORNOI PROMYSHLENNOSTI, OF LENINGRAD, NABEREZHNAЯ MAKAROVA, 2, USSR.

Inventors : (1) OLEG NIKOLAEVICH CHEMERIS, (2) LZRAIL ABRAMOVICH JUZEFOVSKY, (3) IGOR PAVLOVICH TSIBIN, (4) ALEXANDR ALEXANDROVICH SHERSHNEV, (5) TAMARA PETROVNA BUGRI, (6) MIKHAIL VASILIEVICH MALAKHOV, (7) RAFIK SABIROVICH AIZATULOV, (8) LEV MIKHAILOVICH UCHITEL, (9) ALEXI SERGEEVICH NJUNYAEV, (10) MIKHAIL MIKHAILOVICH KLOCHNEV, (11) JURY VASILIEVICH KRJUKOV, (12) JURY ARKADIEVICH MARAKULIN, (13) IGOR IVANOVICH BASALAEV, (14) VASILY SERGEEVICH KHARAKHULAKH, (15) ANATOLY ANDREEVICH CHVILEV, (16) PAVEL ALEXANDROVICH KADUBA, (17) ALEXANDR STANISLAVOVICH PLISKANOVSKY, (18) VALENTIN DMITRIEVICH SURZHENKO.

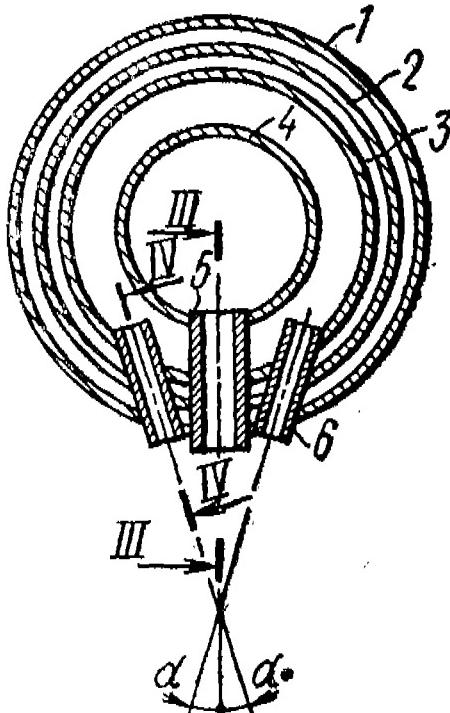
Application No. 492/Cal/87 filed June 23, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A tuyere for flame-jet guniting of a metallurgical unit lined with refractory material, comprising a cooled casing accommodating conial pipelines for supplying guniting composition and oxygen into the interior of the unit, and having at least one nozzle for supplying guniting composition to the lining area being latched communicating with the pipeline for supplying guniting composition and located on the peripheral wall of the tuyere adjacent to the end thereof in parallel with the pipeline axis, and nozzles for supplying oxygen to the lining area being patched communicating with the oxygen supply pipeline, wherein the oxygen

supply nozzles are equally spaced along the long sides of each slit nozzle for supplying guniting composition.



Compl. specn. 16 pages
Int. CLASS : B 23 b 3112

Drg. 2 sheets
165443

FOUR-JAW SELT-CENTERING CHUCK.

Applicant : TBILISSKOE SPETSIALONOE KONSTRUKTORSKO-TEKHNOLOGI CHESKOE BJURO STAN-KOSTROENIA, OF TBILISI, MAGNITOGOR SKAYA ULITSA, I, USSR.

Inventor : (1) VLADIMIR ILIICH SUMENKO, (2) NIKOLAI AVTANDILOVICH KIKNADZE, (3) TEIMURAZ SHOTAEVICH TANIASHVILI.

Application No. 532/Cal/1987 filed July 10, 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

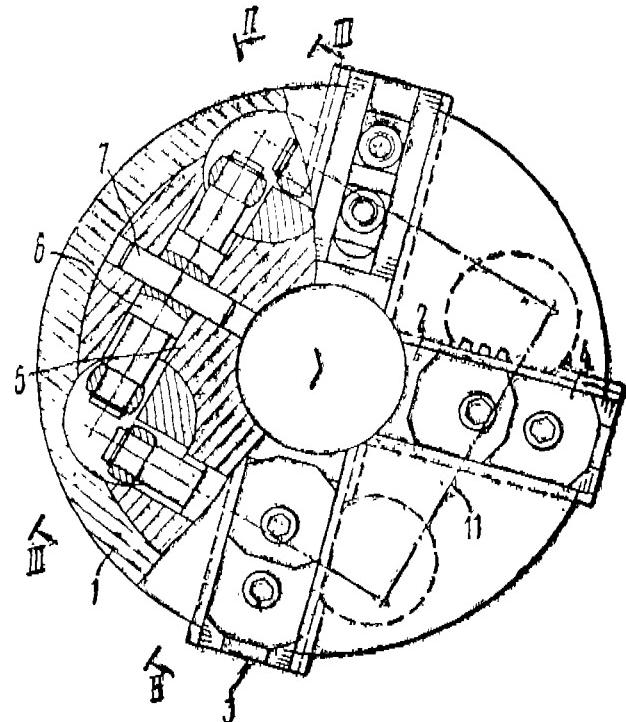
4 Claims

A four-jaw self-centering chuck comprising :

a housing having mounted therein radially movable clamping jaws cooperating with a self-centering mechanism operatively connected with a drive for actuating said clamping jaws for radial motion;

said self-centering mechanism including four levers having their respective pivot axles carried by a member of the drive;

said clamping jaws being adapted to receive therein the ends of the arms of the adjacent levers, forming a closed force circuit.



Compl. specn. 13 pages

Drg. 3 sheets

Int. CLASS : G 01 n 356

165444

A MACHINE FOR TESTING THE WEAR RESISTANCE AND/OR FATIGUE ENDURANCE CAPABILITY OF FOOTWEAR SOLES.

Applicant : BATA INDIA LIMITED, 30 SHAKESPEARE SARANI, CALCUTTA-700017, WEST BENGAL, INDIA.

Inventor : DR. SANJOY KUMAR RAY.

Application No. 572/Cal/1987 filed July 27, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

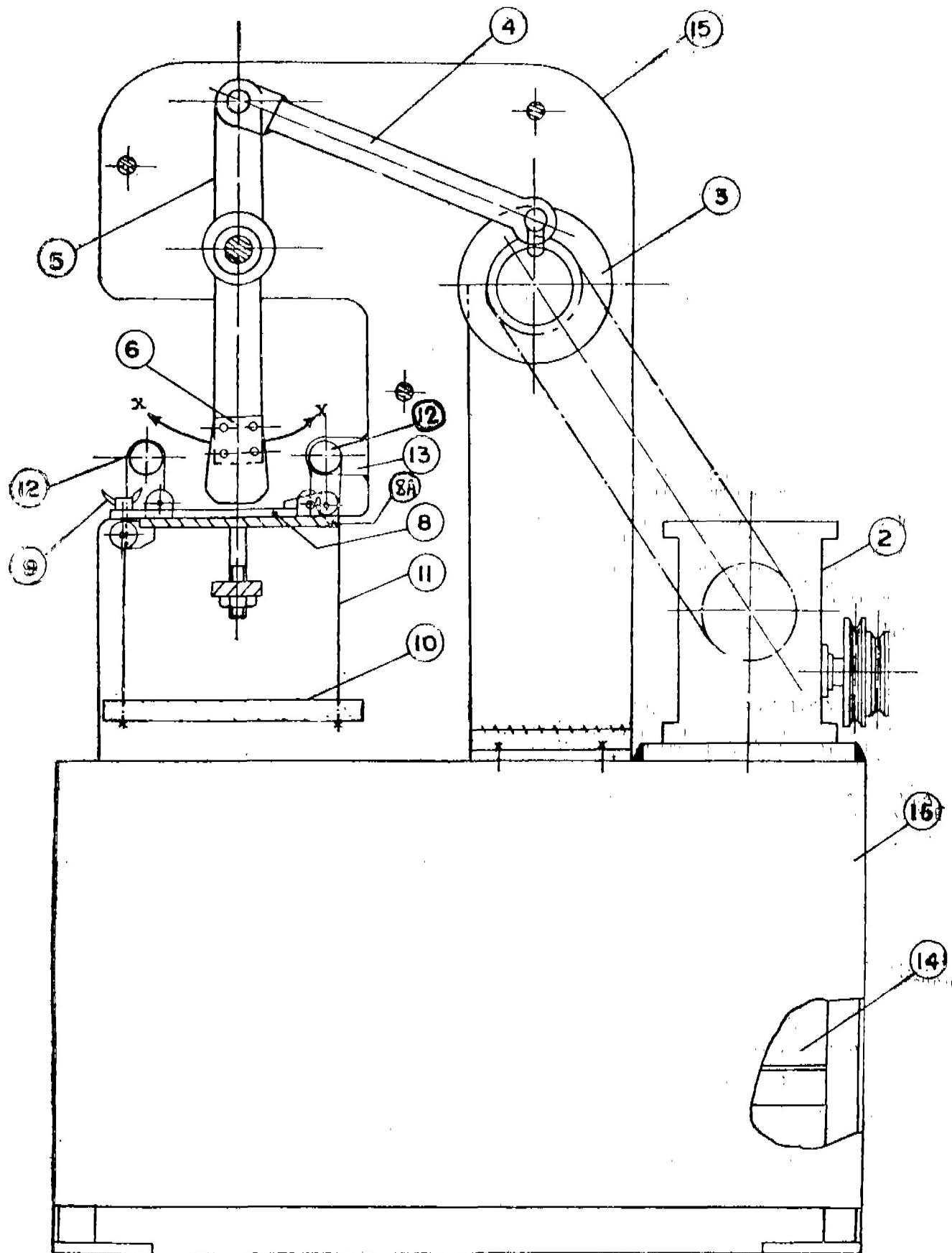
10 Claims

A machine for testing the wear resistance and/or fatigue endurance capability of footwear soles comprising :

a drive means for transmitting reciprocal drive to a reciprocable connecting arm which causes a rocking arm pivotally secured thereto to undergo a to and fro rocking movement;

the free end of said rocking arm being provided with a striking jaw wherein, if necessary, a strip of material having substantially the characteristics subsisting in the actual condition is detachably fixed or integrally formed; and

a sample holding platform for immovably gripping a test sample which is adapted to be held in juxtaposition relative to the striking jaw whereby, during operation, the striking jaw is allowed to strike the test sample.



CLASS : C 07 c 143/70

165445

PROCESS FOR THE MANUFACTURE OF 4-CHLOROPHENYL-SULFONYL COMPOUNDS.

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventor : THEODOR PAPENFUHS.

Application No. 655/Cal/1987 filed August 19, 1987.

Divisional of Application No. 41/Cal/1984 Anti-dated to 20th January, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A process for the preparation of 4-chlorophenylsulfonyl compound of Formula 1 of the accompanying drawings :

Wherein R is chlorine which comprises reacting chlorobenzene, chlorosulfonic acid and thionyl chloride characterized in that the said reaction is carried out by slowly reacting 1 mol of chlorobenzene with a mixture of 1 mol or a slight excess of chlorosulfonic acid and 1 mol or a slight excess of thionylchloride at a temperature of 20 to 90°C provided that the reaction mixture always remains a liquid, optionally in the presence of a hydrogen chloride acceptor commonly used.

Compl. specn. 16 pages

Drg. 1 sheet

Int. CLASS : A 23 f 3/00; B 62 d 25/00 165446

A SUPERSTRUCTURE SUITABLE FOR TRANSPORTING BULK MATERIALS PARTICULARLY GREEN TEA LEAVES.

Applicant & Inventor : RANJIT CHALIHA, OF MELAKHAKAR, P.O. SIBSAGAR-785640, ASSAM, INDIA.

Application No. 675/Cal/1987 filed August 28, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

30 Claims

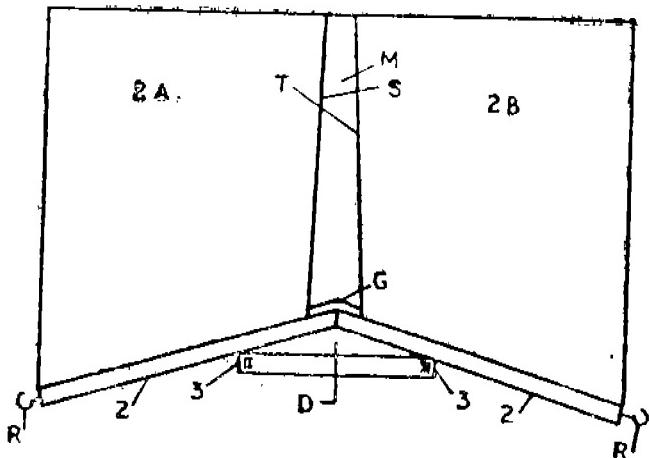
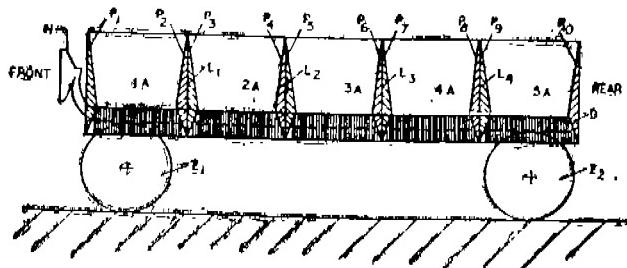
A superstructure suitable for transporting bulk materials particularly green tea leaves comprising :

a main body having an open top hold adapted to be mounted on the chassis members of the trailer or truck or other vehicle;

said main body being sub-divided into a plurality of compartments by the placement of longitudinal and transverse partitions at intervals whereby an air gap is left between the adjacent compartments;

each compartment being provided at its outer side with at least one discharge door adapted to be opened outwardly and capable of being kept closed during loading and transportation;

each said compartment being provided with a slanted base which is inclined downwardly towards said discharge door of the compartment, whereby the slanted base of each compartment is provided with a downward rolling bias towards the discharge door of that compartment.



Compl. specn. 25 pages

Drg. 4 sheets

Int. CLASS : C 12 n 1/00 165447

METHOD OF PREPARING DENSE NUTRIENT MEDIUM FOR CULTIVATING MICROORGANISMS.

Applicant : KIEVSKY MEDITSINSKY INSTITUT IMENI AKADEMIKA A. A. BOGOMOLTSYA, OF KIEV, BULVAR T. G. SCHEVCHENKO, 13, USSR.

Inventors : (1) VLADIMIR VLADISLAVOVICH GASHINSKY, (2) TATYANA IVANOVNA KRAINUKOVA, (3) NATALYA VLADIMIROVNA KOKOSHA, (4) LIDIA PETROVNA PIVOVAEVICH.

Application No. 755/Cal/1987 filed September 23, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

A method of preparing a dense nutrient medium for cultivating microorganisms, comprising radical copolymerization of acrylamide, N, N'-methylene-bis-acrylamide, and polyvinyl alcohol at a mass ratio thereof of (15-20) : (0.019-0.132) : (1.0-3.0) in a physiological salt solution up to the formation of a gel washing and swelling to 3.5-5 times in mass of the gel in the physiological solution, impregnation of the gel with a nutrient substrate.

Compl. specn. 16 pages

Drg. Nil

CLASS : 17-A₂; 17E 165448

Int. Cl. : C 12 b 1/00; C 12 c 11/00.

A CONTINUOUS PROCESS FOR FERMENTATION.

Applicant : K F ENGINEERING CO., LTD., OF 2-27-10, HITACHOBORI, CHUO-KU, TOKYO, JAPAN.

Inventors : (1) HIROSHI TAKADA, (2) YUJIRO HARADA, (3) TATSUJI SEKI, (4) YASUHARA YAMASHITA, (5) MIKITO IKEDA.

Application No. 779/Cal/1987 filed October 06, 1987.

Divisional of Application No. 1398/Cal/1983 Anti-dated to 15th November, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

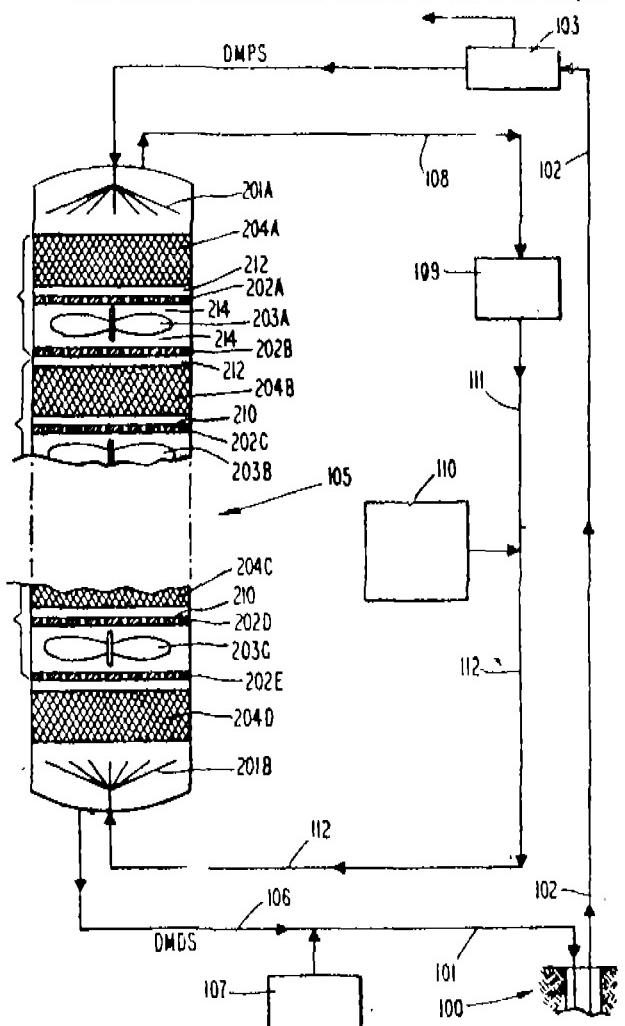
1 Claims

A continuous process for fermentation comprising charging in the reactor the immobilised microbial cells or immobilised enzymes of varying specific gravity, prepared in a known manner, and feeding the culture medium for said fermentation therin continuously, wherein the specific gravity of said immobilised microbial cells or immobilised enzymes is so adjusted that the latter remain substantially in the fluidised state in said culture medium.

Compl. specn. 12 pages

Drg. Nil

a final packing packing section below and adjacent to said second redistributor means of the final stage.



Int. CLASS : B 01 j 8/00, 14/00 165449

APPARATUS FOR REMOVING SULFUR FROM ORGANIC POLYSULFIDES.

Applicant : PENNWALT CORPORATION, OF PENNWALT BUILDING, THREE PARKWAY, PHILADELPHIA, PENNSYLVANIA 19102, U.S.A.

Inventor : JEFFREY H. YEN.

Application No. 819/Cal/1987 filed October 21, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims

A multistage continuous countercurrent flow extractor for removing sulfur from an organic polysulfide of high sulfur rank comprising :

a vertical column having a heavier liquid inlet at a first end and a lighter liquid inlet at a second end, said first end having an outlet for the lighter liquid after it traverses upwardly the length of said column and said second end having an outlet for the heavier liquid after it traverses downwardly the length of said column, the liquids being immiscible;

distributor means interiorly adjacent each of said first and second ends and associated with said inlets for uniformly dispersing across a transverse cross-sectional area of the column each of the heavier and lighter liquids respectively;

a plurality of successive similar stages disposed longitudinally within said column between each of said distributor means, each of said stages including components spaced from each other and from adjacent stages, each of said stages sequentially comprising :

- (a) a horizontally disposed packing section free of fluid-flow baffling means,
- (b) first redistributor means substantially horizontally coextensive with said packing section,
- (c) rotary agitating means, and
- (d) second redistributor means substantially horizontally coextensive with said packing section; and

Compl. specn. 19 pages

Drg. 1 sheet

Int. CLASS : C 07 c 127/00 165450

A PROCESS FOR THE PREPARATION OF A COMPOUND N-(2, 6-DIFLUOROBENZOYL)-N'-3-CHLORO-4-OH, 1, 2-TRIFLUORO-2-(TRIFLUOROMETHOXY) ETHoxy] PHENYL UREA.

Applicant : ISTITUTO GUIDO DONEGANI S.P.A., OF VIA CADUTI DEL LAVORO, 28100, NOVARA, ITALY.

Inventors : (1) PIETRO MASSARDO, (2) FRANCO RAMA, (3) PAOLO PICCARDI, (4) VINCENZO CAPRIOLI.

Application No. 982/Cal/1987 filed December 17, 1987.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

A process for the preparation of a compound N-(2, 6-difluorobenzoyl)N'-3-chloro-4[1, 1, 2-trifluoro-2-(trifluoromethoxy)ethoxy] phenyl urea, consisting essentially in reacting in an inert solvent and at a temperature ranging from 0°C and the boiling temperature of the reaction mixture, 2, 6-difluorobenzoyl isocyanate with 3-chloro-4-[1, 1, 2-trifluoro-2-(trifluoromethoxy)-ethoxy] aniline.

Compl. specn. 12 pages

Drg. 2 sheets

CLASS : H 01 t 15/00

165451

CIRCUIT ARRANGEMENT FOR GENERATING HIGH VOLTAGE PULSES.

Applicant : ADAM KOVACS, OF H-2097 PILISBOROSJENO, BUZA U 2, HUNGARY.

Inventors : ADAM KOVACS.

Application No. 283/Cal/1986 filed April 10, 1986.

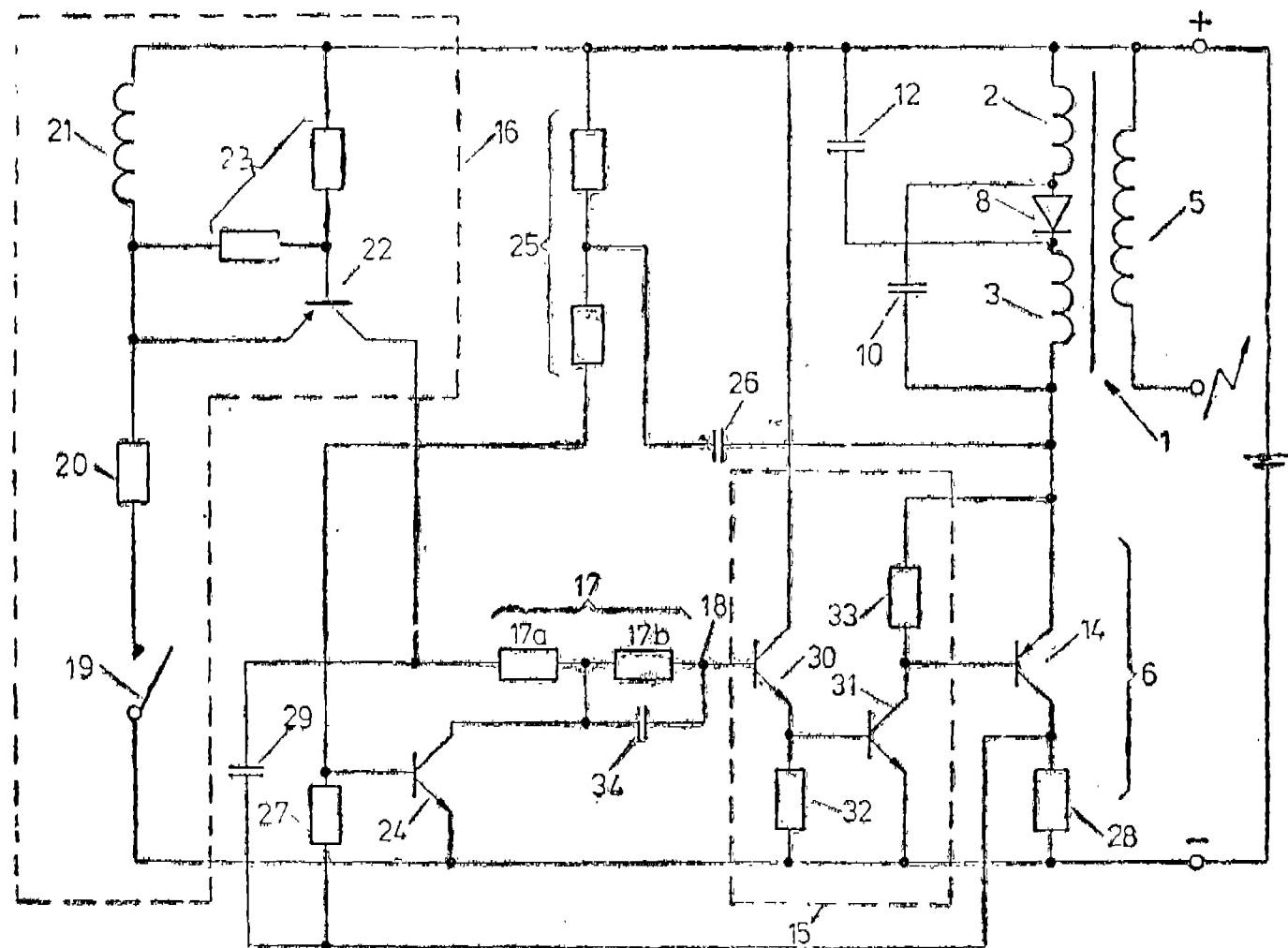
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

Circuit arrangement for generating high voltage pulses from DC voltage comprising :

a transformer, a secondary winding and at least two primary windings of said transformer, said primary windings, a diode arranged between the primary windings and a switching circuit area serial connected; said series circuit is connected to a voltage source and the diode is inserted in forward direction in respect of the polarity of

the voltage source, a capacitor is connected to the common terminal of said voltage source and of said primary windings, further said switching circuit consists of the emitter-collector-section of a switching transistor, on the base of said switching transistor the output of a transistor amplifier is connected and the input of said transistor amplifier is coupled with the output of a control circuit, characterised in that between said input [18] and the output of said control circuit [16] two serial connected first and second resistors [17a] and [17b] are inserted and the common terminal of said resistors [17a] and [17b] are connected to the emitter-collector-section of a first transistor [24], to the base of said first transistor [24] a voltage divider is connected, the branch [25] of which standing on the collector side is divided and connected to said voltage source [7], between the dividing point of said branch [25] and the common terminal of said second primary winding [3] of said transformer [1] and of said switching transistor [14] a capacitor [26] is inserted, the resistor [27] of said voltage divider inserted on the emitter side is connected to a current sensing resistor [28], which is in series with the emitter-collector-circuit of said switching transistor [14].



Int. CLASS : C 08 f 12/26

165452

A PROCESS FOR RECOVERING CHITIN FROM MATERIALS IN WHICH CHITIN OCCURS TOGETHER WITH OR CONNECTED TO PROTEINACEOUS SUBSTANCES.

Applicant : MATRON RADGIVENDE INGENIOR-FIRMA A/S, No. 45 GENFRATORVEJ, DK-2730 HERLEV, DENMARK.

Inventor : JOENSEN, JON OLAVUR.

Application No. 284/Cal/1986 filed April 11, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A process for recovering chitin from material wherein chitin is present together with or connected to proteinaceous substances by demineralization with an acid and removal of protein by utilizing the proteolytic effect of fish viscera, characterized in that :

- (a) an aqueous suspension is produced comprising the optionally minced chitin containing material such as herein described and the fish viscera which have possibly been pre ensiled optionally in presence of an antioxidant ensuring that the fish viscera or the silage prepared therefrom act on the shells at a pH of 1.2 to 2.5 preferably 1.5 to 2.5, or the viscera have previously been ensiled at such a pH;
- (b) the suspension is heated at a temperature between 25 to 50°C for a period between a few hours and four days, preferably 1/2 to 3 days; and
- (b) (i) optionally a partial neutralization and heating of the suspension at 80 to 85°C to inactivate enzymes therein and to decrease the viscosity, is performed.
- (c) the suspension is separated by the process as described herein to obtain at least (i) an aqueous phase containing dissolved hydrolyzed protein, and (ii) a sludge fraction containing the chitin substantially without proteins and mineral substances.

Compl. specn. 14 pages

Drg. Nil

Int. CLASS : C 07 k 15/00, 99/00

165453

A PROCESS FOR THE PREPARATION OF NEW POLYPEPTIDES BY BIOSYNTHESIS.

Applicant : BIOTECHNOLOGY AUSTRALIA PTY. LTD., OF 28 BARCOO STREET, ROSEVILLE, NEW SOUTH WALES 2069, AUSTRALIA; MONASH UNIVERSITY, OF CLAYTON, VICTORIA 3168, AUSTRALIA; MONASH MEDICAL CENTRE, OF ST. KILDA ROAD, MELBOURNE, VICTORIA 3004, AUSTRALIA; AND ST. VINCENT'S INSTITUTE OF MEDICAL RESEARCH, OF 41 VICTORIA PARK, FITZROY, VICTORIA 3065, AUSTRALIA.

Inventors : (1) ROBERT GREGORY FORAGE, (2) ANDREW GEORGE STEWART, (3) DAVID MARK ROBERTSON, (4) DAVID MORTZ DE KRETZER.

Application No. 302/Cal/1986 filed April 17, 1986.

Convention dated 18th April, 1985 (No. PH 0194); 6th September, 1985 (No. PH 2320); 29th September, 1985 (No. PH 3157); 19th December, 1985 (No. PH 3960); 20th December, 1985 (No. PH 3961). (All are AUSTRALIA).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

25 Claims

A process for the preparation of new polypeptides, such as herein described by biosynthesis which process comprises :

producing by methods known *per se*, a recombinant DNA molecule corresponding to or capable of expressing inhibin and comprising a DNA insert encoding all, part, analogue, homologue, subunit or precursor of inhibin or a molecule displaying similar immunological or biological activity to inhibin and a cloning vehicle such as herein described by means of inserting, by methods known *per se* said DNA insert into said cloning vehicle;

transforming, by methods known *per se*, a host such as herein described, with said recombinant DNA molecular so that said host is capable of expressing a polypeptides which comprises all, part, an analogue, homologue subunit or a molecule displaying similar immunological or biological activity to inhibin;

culturing, by methods known *per se*, said transformant host; and

collecting, by methods known *per se*, said polypeptides.

Compl. specn. 85 pages

Drg. 27 sheets

CLASS : 196 A, C

165454

Int. Cl. : F 24 f 11/00, 13/00, 7/00, 7/06.

AIR VENTILATOR.

Applicant : BYUNG EUN YOO, OF 616-5, DAEM-YUNG-DONG, NAM-KU, DAEGU-SI, KOREA.

Inventor : BYUNG EUN YOO.

Application No. 305/Cal/1986 filed April 18, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

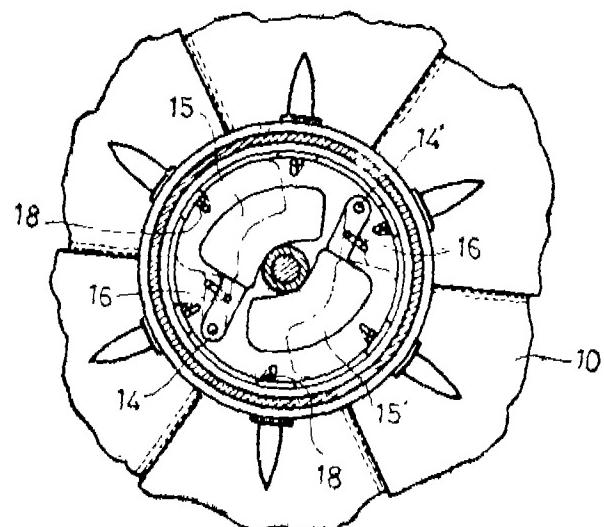
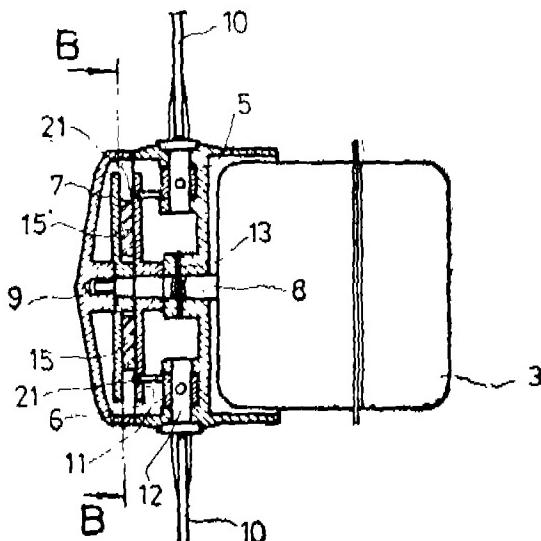
5 Claims

An air ventilator for ventilating indoor air to the environment, the ventilator comprising :

- a motor provided with a shaft;
- a rotor mounted on the shaft;
- a plurality of fan blades pivotally attached to the rotor;
- a first circular plate rotatably mounted to the shaft;
- a second circular plate fixedly mounted to the shaft for rotation therewith;
- centrifugal weight members disposed between the first and second circular plates;

cam means operatively connecting the centrifugal weight members between the first and second circular plates and bias spring means acting on the centrifugal weight members, the arrangement being such that when the motor is operating the centrifugal weight members are moved outwards actuating the cam means to rotate the first circular plate relative to the second circular plate to rotate the fan blades to an operative position and when the motor is not operating the bias means moves the centrifugal weight members and first plate back to their original positions thereby rotating the fan blades to a

non-operative, closed position and closing the air-passages the fan blades.



Compl. specn. 9 pages

Drg. 3 sheets

Int. CLASS : H 01 h 36/00

165455

CONTROL DEVICE FOR AN ELECTROMAGNETIC SWITCHGEAR

Applicant : SIEMENS AKTIENGESELLSCHAFT, OF WITTELSBACHERPLATZ 2, D-8000, MUNCHEN 2, WEST GERMANY.

Inventors : (1) WERNER HARBAUER, (2) JOHANN SEITZ.

Application No. 338/Cal/1986 filed April 30, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

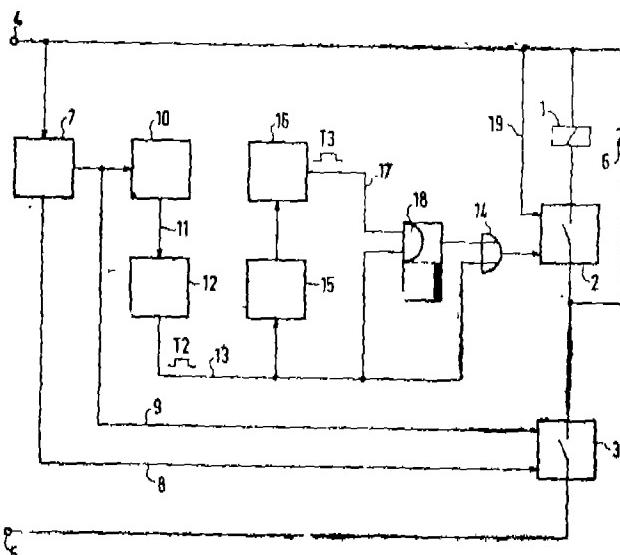
A control device for electromagnetic switchgear having a switchgear hysteresis, controlled by a control voltage comprising :

an actuating coil having a first end connected to said control voltage and a second end;

a switching element having an OFF command input an ON command input and switching poles connected in series to the second end of said actuating coil, said control voltage being connected to the ON inputs;

means for applying a first OFF order of a predetermined period T_2 to said switching element if the control voltage drops below a switch-off threshold for the duration of a preset time period T_1 ; and

means responsive to the first OFF order for initiating a verification period having a set period T_3 , wherein a second OFF order is applied to said switching element if said means for applying a first OFF order supplies an OFF order to said switching element during the verification period.



Compl. specn. 12 pages

Drg. 3 sheets

Int. CLASS : H 041 1/22

165456

ON LINE SERIAL COMMUNICATION INTERFACE FROM A CURRENT LOOP TO A COMPUTER AND/OR TERMINAL..

Applicant : THE BABCOCK & WILCOX COMPANY, AT 1010 COMMON STREET, P.O. BOX 60035, NEW ORLEANS LOUISIANA 70160. U.S.A.

Inventors : (1) EDWARD LEE STERLING JR, (2) WILLIAM LEE THOMPSON.

Application No. 341/Cal/1986 filed April 30, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An on-line serial communication interface for communication between a transmitter of a current loop and a digital circuit for receiving voltage pulses, the transmitter being connected by the current loop to a power supply to drain current from the power supply according to a process variable sensed by the transmitter and the transmitter being capable of pulsing the current on the current loop comprising :

a resistor serially connected in said current loop for establishing voltage pulses which varies with the current pulses from the transmitter;

a capacitor serially connected to the current loop for receiving the pulses; and

a comparator having an output and two inputs, one of said inputs being connected to said capacitor for receiving voltage pulses and the other of said inputs being connected to a selected small voltage, said comparator generating voltage pulses on its output which are synchronized with the voltage pulses in the current loop, said output of said comparator being connected to the digital circuit for applying the voltage pulses to the digital circuit.

CLASS : 85-J

165457

Int. CLASS : F 27 d 3/00, 17/00.

METHOD AND APPARATUS FOR MELTING A METAL MATERIAL.

Applicant : FRIED KRUPP GESELLSCHAFT MIT BESCHRANKTER HAFTUNG ALTENDORFER STRABE 103, D-4300 ESSEN 1, F.R. OF GERMANY.

Inventor : PETER MEIERLING.

Application No. 431/Cal/1986 filed June 10, 1986.

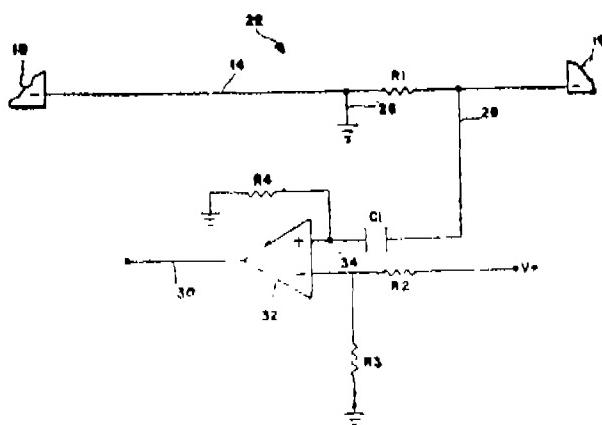
Appropriate office for opposition proceedings (Rule 4. Patents Rules, 1972) Patent Office, Calcutta.

40 Claims

A method of melting a metal material in a melting furnace provided with at least one melting vessel comprising directly pre-heating the material with exhaust gases of the melting furnace in at least one pre-heating vessel which can be emptied into the melting furnace, discharging the heated material from the pre-heating vessel into the melting vessel and melting the heated material in the furnace, the improvement wherein :

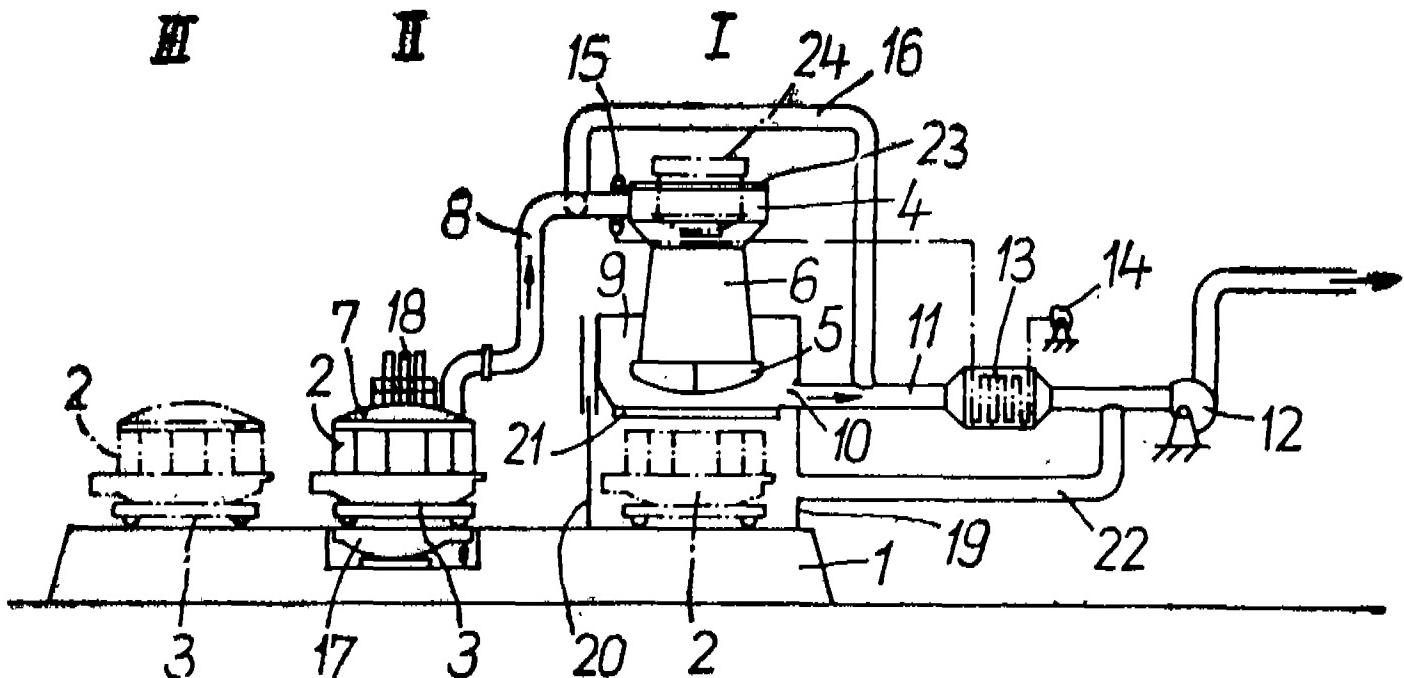
said steps of pre-heating and melting comprise placing said pre-heating and melting vessels in a respective first position; melting a first quantity of the material in the melting vessel in the melting furnace which simultaneously pre-heats a second quantity of the material in the pre-heating vessel by supplying the exhaust gases from the melting furnace to the pre-heating vessel; and removing the melted first quantity of material from the melting vessel; and

said step of discharging comprises, effecting a first relative movement between said pre-heating and melting vessels to bring said pre-heating vessel above said melting vessel, then discharging the pre-heated second quantity of material into the melting vessel, and then effecting a second relative movement for placing the vessels in the respective first position and wherein the melting vessel is movable and the pre-heating vessel is stationary.



Compl. specn. 10 pages

Drg. 1 sheets



Compl. specn. 29 pages

Drg. 4 sheets

Int. CLASS : C 10 b 33/12

165458

PROCESS FOR MANUFACTURING HIGH PURITY SILICA.

Applicant : (1) NITTO CHEMICAL INDUSTRY CO., LTD., OF 5-1, MARUNOUCHI-1-CHOME, CHIYODA-KU, TOKYO, JAPAN; AND (2) MITSUBISHI RAYON CO., LTD., OF 3-19, KYOBASHI-2-CHOME, CHUO-KU, TOKYO, JAPAN.

Inventors : (1) KOICHI ORII, (2) MASASHI NISHIDA, (3) JUNSUKE YAGI, (4) IWAO OHSHIMA.

Application No. 454/Cal/1986 filed June 18, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 Claims

A process for manufacturing high purity silica having an alkali metal content of 0 to 10 ppm, a chlorine content of 0 to 3 ppm and a uranium content of 0 to 3 ppm, said process comprising :

- (1) a step of extruding an aqueous solution of an alkali silicate represented by the general formula :



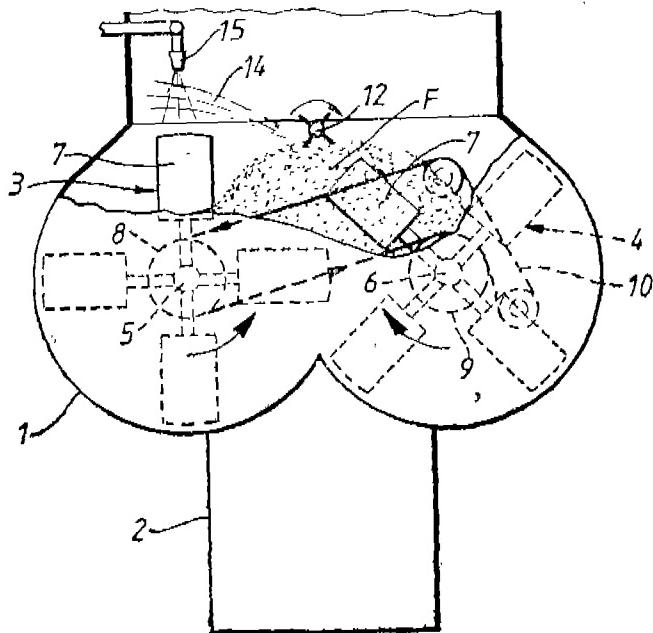
wherein M is an alkali metal element and n is a number of moles of SiO_2 of 0.5 to 5, into a coagulating bath comprising a coagulant at least one selected from the group consisting of water soluble organic medium and acid solution having a concentration of 4N or less through a spinning nozzle having a bore diameter of 1 mm or less to coagulate the same, and thereby making the same into a fibrous gel, said aqueous solution having a viscosity in the range of 2 to 500 poise,

- (2) a step of treating the fibrous gel obtained with a known acid-containing solution, and then washing the same with water to extract impurities and when desired,
- (3) further a step of heating the resulting silica at a temperature of 1,000 to 1400°C.

Compl. specn. 54 pages

Drg. Nil

rotatable throwing roller adjustably mounted in the said chamber such that the throwing roller is adapted to be in contact with the said particles during the mixing operation, for throwing a fog or curtain of particles upwards.



Compl. specn. 7 pages

Drg. 1 sheet

CLASS : 167-E

165460

Int. Cl. : B 07 b 1/28.

SCREENING MACHINE.

Applicant : HEINZ LEHMANN AG., OF FICHTENSTR. 75, D-4000 DUSSELDORF, WEST GERMANY.

Inventor : KURT HOPPE.

Application No. 498/Cal/1986 filed July 03, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

Int. CLASS : B 01 f 3/14

165459

MACHINE FOR MIXING PARTICULATE MATERIALS.

Applicant : HALVOR FORBERG, OF HAGABAKKEN 2, HEGDAL, N-3250, LARVIK, NORWAY.

Inventor : HALVOR FORBEG.

Application No. 483/Cal/1986 filed June 25, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A machine for mixing particulate materials in order to add liquid, specially adhesive, substances to the particles during the mixing operation, comprising a mixing chamber for receiving particles therein, means for producing a particulate curtain within the said chamber, means, such as herein described provided in the said chamber, for adding of the liquid substance to said curtain of particles, and a

Screening machine with two systems of movement, (I), (II) executing circular oscillations by means of at least one eccentric shaft, the outer system of movement (II) and the inner system movement (I) each consisting of frames separated from one another or each consisting of two side cheeks (1a, 1b, 8a, 8b) with crossmembers (5, 7, 9, 10) fastened parallel to one another at regular intervals between the frames or side cheeks of each system the crossmembers are arranged substantially perpendicularly relative to the side cheeks and transversely relative to the conveying direction of the screening material, the crossmembers lying in a screening plane and belonging to the two systems (I, II) being arranged alternately and being driven by the systems in such a way that the elastic screen-lining sections (12) located between the crossmembers and fastened to these are alternately stretched and compressed.

characterized in that each eccentric shaft (16, 17) is mounted solely in the two systems of movement (I, II).

